



## Tower Bridge Redecking

Environment, Consenting and Stakeholder services / Infrastructure | **Client** BAM Nuttall on behalf of City of London |  
**Project Period** October 2014 – December 2016

After 12 months of careful planning and engagement with relevant parties, Tower Bridge closed to traffic from 1st October until 23rd December 2016 to undertake essential maintenance to the decking and surfacing which was last refurbished in the 1970s.

### Project outline

Throughout the works access for passing river traffic with 24 hours' notice and pedestrians needed to be maintained.

The programme of work included:

- undertaking major maintenance to the bridge lifting mechanisms
- replacing the timber decking and resurfacing the road and walkways
- replacing expansion joints along the bridge to provide a smooth running surface
- waterproofing the brick arches that form the approach to the bridge

### Our role

We were appointed as the Environment, Consenting and Stakeholder Lead. This involved working with the local planning authorities to explain the extent of the works and justification for the use of Permitted Development Rights and apply for a Certificate of Lawful Development to both London Boroughs (LB's) of Southwark and Tower Hamlets. Early engagement work was conducted with Historic England, and we worked with TfL to develop collateral,

fact sheets and advertisements to ensure stakeholders were aware of the upcoming road closures and appropriate diversion routes for road and cycle users. We provided our client with stakeholder and community engagement support prior to and during the works, which included several months engaging with local stakeholders and communities.

We also provided acoustic consultancy services, which included attended and unattended baseline noise monitoring, preparing S61 Consents (including trigger levels and mitigation) and construction monitoring for the duration of the works. Early engagement with each of the local authority Environmental Health Officers meant Temple were able to agree the duration of and locations for monitoring, ensuring a quick approval process. We were able to quickly identify the type and duration of activities being undertaken and inform the residents directly, ensuring there was no lost time due to noise complaints.

### Our services

- Construction environmental management;
- Town planning and consents;
- Public consultation and stakeholder engagement;
- Early engagement work with Historic England and local communities, ensuring key constraints were identified; and
- Construction noise monitoring and S61 Consents

### Our value

Temple were innovative in their approach to stakeholder engagement and used GIS analysis to identify and agree the letter drop zone and categorise more sensitive receptors



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closest to the work site. A Stakeholder Management Plan (SMP) was developed by Temple and BAM Nuttall to address the needs of stakeholders while allowing the works to be completed on schedule.

During the three-month closure Temple added value by maintaining a complaints tracker meaning we could monitor the type and frequency of complaints and the location from which they were being made. The project team addressed all complaints within 48 hours providing an explanation and mitigation to avoid repeat complaints. Following the completion of the works, the project team received praise from local residents regarding the proactive engagement undertaken prior to and during the works on Tower Bridge.

In 2017 the project won a British Construction Industry Award for Civil Engineering Project of the Year (up to £10m). It was also featured in the New Civil Engineer magazine.

*"Temple provided comprehensive environmental, consents and stakeholder advice from early feasibility and design optioneering through to delivery and completion. Temple were proactive in managing the planning and listed building consents with LB Southwark, LB Tower Hamlets and Historic England allowing time to be saved in the planning process by identifying applicable permitted development rights and ensuring works could progress in a timely manner, without any delay to the programme and minimising the risks associated with such applications."*  
Jay Moorhouse, Contracts Manager, Bam Nuttall



THERE WAS A TOTAL OF 84 BRIDGE LIFTS DURING THE CONSTRUCTION WORKS, AND PEDESTRIAN ACCESS REMAINED OPEN

# 24/7

THESE WORKS WERE THE FIRST MAJOR CONSTRUCTION WORKS FOR THE BRIDGE SINCE IT FIRST OPENED IN

# 1894